

18064



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Bethlehem District Office
4530 Bath Pike
Bethlehem, PA 18017
(215) 861-2070

October 29, 1987

Douglass Township
1320 East Philadelphia Avenue
Gilbertsville, PA 19525

Re: Closure of Hazardous
Waste Facility
PAD048603005

Gentlemen:

The Department of Environmental Resources has received a revised closure plan for the following hazardous waste management facility. The plan was submitted as required by Section 75.265(o) of the Solid Waste Management Rules and Regulations:

Boyertown Sanitary Disposal Co., Inc.
300 Merkel Road
Gilbertsville, PA 19525

I have attached a copy of the subject closure plan for your review. If you wish to provide specific recommendations for this facility, please transmit those recommendations within 30 days of receipt of this closure plan. If the Department does not receive comments within the 30 day review period, we shall assume that you waived your right to review.

If you have any questions regarding this matter, please call me.

Very truly yours,

James A. Dolan
Hazardous Waste Coordinator

JAD/bas

CC: U.S. EPA Code 3HW33 ✓
Field Supervisor
Division of Facilities Management

DATE:

5-5-87

FROM:

L. Lunsch

BETHLEHEM

BUCKS CO. HEALTH

CHESTER CO. HEALTH

DELAWARE CO. OFFICE

PHILADELPHIA CO. HEALTH

READING

LITIGATION—Philadelphia

✓ EPA—6th & WALNUT

S. Israel

HARRISBURG

Building

Floor

Bureau

on

Message:

3HW 33
Sam Israel

Department of Environmental Resources

18065
RECEIVED
PA SECTION

MAY 19 1987

1875 New Hope Street
Norristown, Pennsylvania 19401
215-270-1948

EPA, R3

May 4, 1987

Mr. Warren Frame
Boyertown Sanitary Disposal Co.
300 Merkel Road
Gilbertsville, PA 19525

Dear Mr. Frame:

We have concluded our review of the hazardous waste closure plan for the Boyertown Landfill which was originally received in August of 1983 and revised on September 27, 1984, October 10, 1986, and March 31, 1987. The drawings which are part of the closure plan were revised on March 27, 1984, August 13, 1984, October 9, 1986, and March 30, 1987. This was all done in response to various review letters received by the Department.

This hazardous waste closure plan is now approved and can now be immediately implemented. Please contact Mr. Jim Dolan at (215) 861-2070 to obtain the necessary certification forms which must be submitted after closure has been completed at this site.

The monitoring wells which are to be sampled on a quarterly and on an annual basis, will read as follows: AMW1, SMW1A, SMW2, AMW5, AMW7, AMW8, AMW11, and PHP14. These wells must be sampled once for radium, total 226 and 228; radiation, gross alpha; radiation, gross beta. Quarterly analysis must include pH, specific conductance, TOC and TOX. The annual sampling event must include total alkalinity as Ca, CO3, ammonia nitrogen dissolved (as nitrogen), fluorides, nitrate nitrogen dissolved as nitrogen, sulfates dissolved, turbidity, and oil and grease. You will also have to sample the monitoring wells for Appendix VIII constituents based on the Department's evaluation of a ground-water sampling and analysis plan which is to be submitted in response to a February 27, 1987 letter from Wayne Lynn.

If you have any other questions concerning the approval of your hazardous waste closure plan for the Boyertown Landfill, you may contact me at 270-1948.

Very truly yours,

LAWRENCE H. LUNSK
Regional Waste Management Facilities Supervisor

cc: Montgomery Co. Planning Commission
Douglass Township/Montgomery County
Sam Isreal--EPA, Philadelphia ✓
Joe Hayes--DER, Harrisburg
Mr. Danyliw
Re30 SW121.1



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
1875 New Hope Street
Norristown, Pennsylvania 19401
215-270-1948

file 1986

May 4, 1987

Mr. Warren Frame

Boyertown Sanitary Disposal Co.
300 Merkel Road
Gilbertsville, PA 19525

PADO4 8603005

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Very truly yours,

LAWRENCE H. LUNSK
Regional Waste Management Facilities Supervisor

cc: Montgomery Co. Planning Commission
Douglass Township/Montgomery County
Sam Isreal--EPA, Philadelphia
Joe Hayes--DER, Harrisburg
Mr. Danyliw
Re30 SW121.1

18067

RCRA FACILITY CLOSURE CHECKLIST

Facility Name: Bryantown Sanitary Landfill

Facility Address: _____

Facility I.D. Number: PAD 04 860 3005

Type of Closure: Full ☒ Partial _____
D80

Date Closure Plan Received: 8-19-83
3-28-84

Date of Public Notice: 9-19-85

Date Plan Approved: _____

Date Inspected: _____

Date of Certification: _____

Date Facility Closed: _____

Facility Status: Generator _____ Transporter _____
TSD Only _____

Date Entered in HWFMS: _____

EPA Lead Person _____

State Lead Person _____

DATE:

5/14

FROM:

Norr/DER

BETHLEHEM

BUCKS CO. HEALTH

CHESTER CO. HEALTH

DELAWARE CO. OFFICE

PHILADELPHIA CO. HEALTH

READING

LITIGATION—Philadelphia


 EPA-6th & WALNUT

Frank Quirio

HARRISBURG

*Building**Floor**Bureau**Person**Message:*

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ju
Department of Environmental Resources

1875 New Hope Street
Norristown, Pennsylvania 19401
215-270-1920

PAD 0 48603005
May 14, 1985

Mr. Warren Frame
Boyertown Sanitary Disposal Company, Inc.
300 Merkel Road
Gilbertsville, Pennsylvania 19525

Dear Mr. Frame:

In view of the fact that you are now pre-treating and discharging landfill leachate to the Berks-Montgomery Municipal Authority system, it will be necessary for you to finalize the submission of your hazardous waste landfill closure-post-closure plan which must be submitted as one complete package.

This must pull together your response to our December 21, 1983 review letter on your hazardous waste landfill closure plan which was submitted to the Department on August 19, 1983. This must also include information presented in the addendum to the closure plan dated August 13, 1984 resulting from the Department's order of June 21, 1984. Included in this submission must be the post-closure plan which should follow the information outlined in my April 2, 1984 letter.

The closure plan must be revised to meet EPA guidelines, specifically their guidance document for landfill liner systems and final cover for hazardous waste landfills dated July 1982. The design should call for 2 feet of soil cover which is capable of supporting vegetation, the drainage layer which is 1 foot thick, a synthetic liner type cap and a clay cap for the landfill. You will also have to check with Mr. Frank Quiris of the EPA, Philadelphia Regional Office concerning post-closure permit requirements because the Boyertown Landfill site accepted hazardous waste after July 26, 1982.

If you have any questions concerning the finalization of your closure-post-closure plan for the Boyertown Sanitary Landfill hazardous waste facility, I can be reached at 215/270-1920.

Very truly yours,

LAWRENCE H. LINSK
Regional Solid Waste Facilities Supervisor

cc: Mr. Carl Spadaro, EPA, Phila.
Mr. Frank Quiris, EPA, Phila.
Mr. Danyliw
Mr. Joe Hayes
Re 30 SWL27.2

RECEIVED
WASTE MGMT. BRANCH

MAY 17 1985

U.S. EPA, Region III



Drank

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
1875 New Hope Street
Norristown, PA 19401
215 270-1920



18076

December 27, 1983

Mr. Michael Miller, Vice President
Boyertown Sanitary Disposal Company
300 Merkel Road
Gilbertsville, PA 19525

PA0 04 820 3005

Re: EPA Closure/Post-Closure Permits

Dear Mr. Miller:

It has come to the attention of the Pennsylvania Department of Environmental Resources that some RCRA hazardous waste facilities are not familiar with EPA regulations concerning closure of surface impoundments, waste piles, land treatment units or landfills under 40 C.F.R. Part 264 Subparts F through N (effective January 26, 1983).

In order to clarify some of the misunderstanding, the following is quoted for your information or appropriate action:

In accordance with 40 C.F.R. §264.90, owners and operators of facilities receiving waste after January 26, 1983 that treat, store or dispose of hazardous waste in surface impoundments, waste piles, land treatment units or landfills are by definition "regulated units" and must meet the closure and post-closure requirements of 40 C.F.R. Part 264 Subparts F through N (exemptions noted in 40 C.F.R. §264.90(b)).

Per 40 C.F.R. §270.1(c), a Federal RCRA permit must be obtained for the post-closure care period required under 40 C.F.R. §264.117 and during any compliance period specified under Section 264.96. A modified Part B application must be submitted containing certain requirements of 40 C.F.R. §270.14 (formerly 40 C.F.R. §122.25).

If you have deposited any hazardous waste after January 26, 1983, you must apply to EPA for closure approval and a post-closure permit. It is essential that closure/post-closure does not proceed without EPA involvement. PA DER, at present, does not have the authority to approve closure plans and issue permits to those above mentioned facilities accepting hazardous waste after January 26, 1983.

If you have any questions concerning this matter, please contact US EPA, Region III, Mr. Stephen R. Wassersug, Director, Division and Waste Management Division, at 215 597-9875 or me at 215 270-1909.

Very truly yours,

LAWRENCE H. LJNSK
Solid Waste Facilities Supervisor

Re 30 FW 125

Department of Environmental Resources

1875 New Hope Street
Norristown, PA 19401
215 270-1920

18072

December 22, 1983

Mr. Michael Miller
Boyertown Sanitary Disposal Company
300 Merkel Road
Gilbertsville, PA 19525

Re: Closure Plan
Boyertown Sanitary Landfill

PAD 048603 005

Dear Mr. Miller:

The subject closure plan prepared by AGES Corporation and dated August 1983 has been reviewed by our staff. The following comments are offered as a result of that review:

- 1) The drawings show final contours that are 20 feet higher than those permitted in 1980. A permit amendment would be required for this height increase.
- 2) There is an existing problem with sediment leaving the site from the southern corner of the fill area. Surface water flow in this area should be directed to a sedimentation basin or filters. Other sediment control measures delineated on the plan should be instituted as soon as possible upon plan approval.
- 3) Runoff along the terrace on the southwest slope must be discharged to level ground in order to prevent erosion channels from forming on the landfill face at the ends of the terrace.
- 4) As stipulated in §75.24(c)(2)(iii) slopes exceeding 15 percent grade must be terraced. No terraces are shown on the northeast side between the office and the existing lagoon, where slopes average 25 percent.
- 5) The quality and quantity of cover soil, in place, or to be added, should be better documented in order to insure compliance with sections 75.24(c)(2)(ix), (xii) and (xxi) of the solid waste regulations.
- 6) Slopes that will join the proposed expansion can be left at a grade steeper than allowed by regulation while awaiting a decision on the expansion. Temporary stabilization measures must be utilized and slopes must comply with regulations if the landfill is not expanded.
- 7) A sedimentation basin is necessary during grading and stabilization to prevent silting of adjoining lands and waters. After establishment of a vegetative cover, it may be preferable to spread the runoff over the off-site area in order to avoid maintenance over the 30 year post-closure period.

- 8) Due to previous leachate disposal problems, a clay cap should be made part of closure. If gas recovery plans are developed in the future, and leachate is being handled properly, a leachate recirculation system may be approvable if evidence indicates that additional moisture could enhance gas production.
- 9) If ground water monitoring data indicates possible pollution from the landfill, a ground water assessment plan must be submitted according to ground water monitoring regulations for interim status facilities.
- 10) If leaching continues after the 30 year post-closure period, leachate management and ground water monitoring will be extended.
- 11) Sudan grass should be used only on dry fertile areas of the landfill as temporary cover.
- 12) Additional items to be shown on the closure plan include the leachate collection lines on the north and east perimeters; the manhole into which these lines flow; and the new leachate lagoon.
- 13) The erosion and sedimentation plans should be reviewed by the local soil conservation district office.

Please submit four copies of your responses to these comments to this office as soon as possible. If you have any questions, please feel free to contact me.

Very truly yours,

LAWRENCE H. LUNSK
Solid Waste Facilities Supervisor

LL:JD:lp

cc: Mr. J. Dolan
Re 30 3W68



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

1875 New Hope Street
Norristown, PA 19401
215 270-1920



December 21, 1983

Mr. Michael Miller
Boyertown Sanitary Disposal Company
300 Merkel Road
Gilbertsville, PA 19525

Re: Closure Plan
Boyertown Sanitary Landfill

Dear Mr. Miller:

The subject closure plan prepared by AGES Corporation and dated August 1983 has been reviewed by our staff. The following comments are offered as a result of that review:

- 1) The drawings show final contours that are 20 feet ^{higher} than those permitted in 1980. A permit amendment would be required for this height increase.
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- 7) A sedimentation basin is necessary during grading and stabilization to prevent silting of adjoining lands and waters. After establishing a vegetative cover, it may be preferable to spread the runoff on off-site area in order to avoid maintenance over the 30 year closure period.
- 8) Due to previous leachate disposal problems, a clay cap should be a part of closure. If gas recovery plans are developed in the

and leachate is being handled properly, a leachate recirculation system may be approvable if evidence indicates that additional moisture could enhance gas production.

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- 10) If leaching continues after the 30 year post-closure period, leachate management and ground water monitoring will be extended.
- 11) Sudan grass should be used only on dry fertile areas of the landfill as temporary cover.
- 12) Additional items to be shown on the closure plan include the leachate collection lines on the north and east perimeters; the manhole into which these lines flow; ^{and} the new leachate lagoon.
- 13) The erosion and sedimentation plans should be reviewed by the local soil conservation district office.

Please submit four copies of your responses to these comments to this office as soon as possible. If you have any questions, please feel free to contact me.

Very truly yours,

LAWRENCE H. LUNSK
Solid Waste Facilities Supervisor

LL:JD:lp

cc: Mr. J. Dolan
Re 30 2LP121/.1

Department of Environmental Resources

1875 New Hope Street
Norristown, PA 19401
215 270-1920

18074

April 2, 1984

Mr. Warren Frame
Boyertown Sanitary Disposal Co., Inc.
300 Merkel Road
Gilbertsville, PA 19525

Dear Mr. Frame:

It has been decided that you must submit a post closure plan which includes cost estimates for the Boyertown Landfill hazardous waste facility. This has been discussed with Mr. Ed Prout of AGES Corporation. The following information should be used as a guide in putting together this plan:

1. Provide cost estimates for disposing of wastes remaining on-site including leachate generated for the next thirty (30) years.
2. Estimate the cost for decontaminating any equipment left on the site plus contaminated material.
3. There should be a cost estimate for disposing of contaminated soil on the site even if this soil is to go to your own site.
4. The plan must include a cap and final placement of cover. This includes the maximum area to be capped and covered. The unit cost of placing one foot of intermediate cover material for the base of the cap must be utilized when figuring out the total cost for this area. This cost must include the revegetation of final cover over disturbed areas and drainage ways.
5. The maintenance cost must be estimated for each year due to possible erosion and sedimentation control problems at the site. This cost should be about 10% of the initial revegetation and grading costs.
6. There must be a groundwater monitoring plan for thirty (30) years after the site is closed. The cost for this includes sampling frequency and protocol.
7. The maintenance costs for thirty (30) years must be estimated. This includes the cost for maintaining the leachate collection system, security fencing, the pretreatment system and the monitoring wells.
8. On Page 3064 and 3065 of the Hazardous Waste Management Rules and Regulations in the Pennsylvania Bulletin dated September 4, 1982, there is information concerning what should be included in a post closure plan.

Mr. Warren Frame

April 2, 1984

- 2 -

9. I have also included copies of material which was presented at an EPA course on closure and post closure held recently in Washington, DC.

Please submit this plan and the cost estimates within thirty (30) days of receipt of this letter. We are now in receipt of the response to our review letter on your closure plan. This was received on March 30, 1984. If you have any other questions concerning the submission of the post closure plan and cost estimates, please contact me.

Very truly yours,

LAWRENCE H. LUNSK

Solid Waste Facilities Supervisor

cc: ACES Corporation

Re 30 HE158



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

1875 New Hope Street
Norristown, PA 19401
215 631-2420

14076



August 29, 1983

Mr. Warren Frame
Boyertown Sanitary Disposal Company, Inc.
300 Merkel Road
Gilbertsville, PA 19525

Dear Mr. Frame:

We are now in receipt of a closure plan which was submitted by AGES Corporation for closure of your existing landfill site. Therefore we are returning your hazardous waste Part B application (No. PAD048603005) to you at this time. An expansion of this existing landfill is no longer being considered as a hazardous waste disposal facility.

Copies of this letter with the closure plan are being submitted to Douglass Township and the Montgomery County Planning Commission for their review and comment.

If you have any questions concerning this, please contact me at 631-2420.

Very truly yours,

Wayne L. Lynn (BDB)

WAYNE L. LYNN
Regional Solid Waste Manager

cc: Douglass Township
Montgomery County Planning Commission
Gary Galida
Randy Brubaker
Berks-Montgomery Municipal Authority
Senator O'Pake
Representative Reber
Re 30 2W241.3

Paul,

18079

Here is the Boyertown Landfill file. As I stated, we never received DER's comments for our review. However, per Gil's note, DER sent comments on 12/22/23 to which the company responded 3/20/24.

DER has the lead for closure plan approval - our review is more one of courtesy because of the post-closure permit ~~requirements~~ ~~application~~ that we have lead on. Michael Miller of Boyertown was informed verbally of the ~~same~~ post closure permit requirement by me Wash in Oct '83. However, we have not formally followed up on ~~this request to~~ ~~date~~ requesting their application to date. ~~Tish may~~ ~~do that~~ Tish Corbett may do that any day now.

Because of the ^{note} activities and enforcement actions at the site regarding F.S. violations, I have not placed this closure on priority due to other more pressing. We should, however, begin our involvement.

The best place to probably start is from scratch to familiarize yourself w/ the facility. I suggest contacting Jim Dolan @ Norristown DER for status update. See you Wednesday 8/29 I'll be in Hagerstown for Intg's.

Frank Q.